

# Stock Analysis

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- Data Collection
  - Data Source: Yahoo Finance
  - Technique:
    - YQL(Yahoo Query Language)
- Storage
  - Hadoop
    - using PyDoop

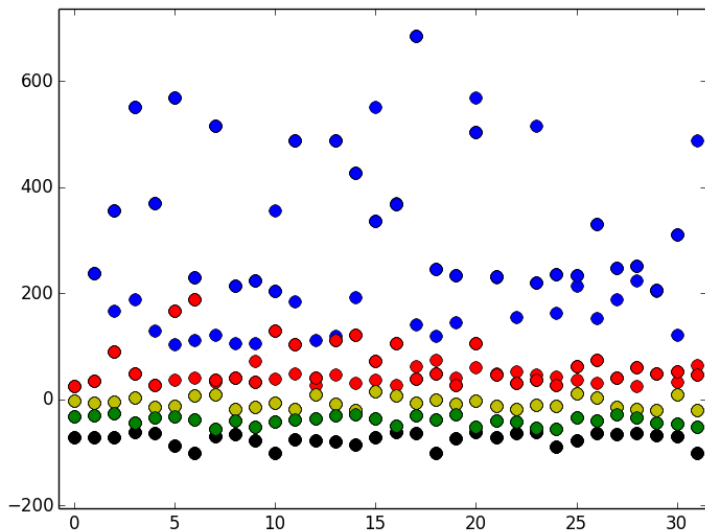
We perform two types of Analysis namely : Mathematical Analysis and Sentimental Analysis. In Mathematical analysis we calculate simple moving Average of all the historical Data and plot in reference to the overall data. In sentimental analysis, We devised an algorithm that predicts the future outcome for a particular stock

Since our project domain encompasses stock analysis the best possible choice to plot the outcome is candle stick chart. Hence, In order to plot such type of graph we used MATPLOTLIB (as considering the language choice is python). We also used Histogram to plot the volume information along with the candle chart.

# Visualization & Analysis



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Thank you